



Long Term Experimental Planning

March 2-3, 2005, AMWG meeting

Steps toward Integration of Science and Policy for Adaptive Management

- **Assessment of knowledge regarding resources**
 - General knowledge
 - Effect of Past & pending treatments on resources (1996, 2000, 2002, 2004)
 - Ability to identify risk of treatment vs. potential benefit for resource
- **Identification of Policy Constraints**
 - Define stakeholder sideboards
 - Length of experiment
 - Range of treatments
 - Dam operations
 - Outside of operations (e.g., augmentation, removal)
- **Review of approaches relative to State-of-the-Art Adaptive Management Practices**

Step 1. Assessment of knowledge regarding resources

- Utilize TWG meetings for assessment presentations
 - Required attendance
 - Cost savings
 - Education of stakeholder
- **May and July Meetings**
 - 2 hours per meeting
 - Presentations by GCMRC staff and possibly invited scientists

Step 1, continued

- When released in summer, 2005 the SCORE report would contribute to the efforts of the Center to communicate the knowledge assessment

Step 2. Identification of Policy Constraints

- **Ad hoc group task**
 - Meet in parallel timeframe of knowledge assessment
 - Meet independently of GCMRC to establish constraints
- **Presentation of constraints to TWG in July**

Step 3. Review of experimental approaches relative to State of Art Adaptive Management Practices

- Provide special session at Science Symposium on Experimental Design with ecosystems.
 - Invited speakers
 - Provide a perspective of GCD AMP approach relative to other programs
 - Utilize assessment to develop/refine sideboards/experimental design

Step 4. Plan submission/review/approval

- **Submit experimental plan to TWG (December)**
- **AMWG approval & recommendation (January)**
- **Completion of compliance prior to WY2007 (started 6 months before).**
- **Timing coincides with FY07-08 work planning & budget process.**

TASKS	LONG-TERM EXPERIMENTAL PLAN TIMELINE																							
Develop conceptual exp design	Done (LTEP, GCMRC, SA)																							
Develop actions/treatments	█	█	(GCMRC, CS, LTEP, SA)																					
Develop criteria	█	█	█	(GCMRC, LTEP, CS, SA)																				
Complete knowledge assessment	█	█	█	█	█	(GCMRC, CS, SA)																		
Convene workshop						█	(GCMRC)																	
TWG update and input						█	(GCMRC, TWG)																	
Produce draft exp plan							█	█	█	(GCMRC)														
AMWG review draft exp plan											█	(AMWG)												
Science Advisors risk assessment											█	█	█	(SA)										
Second draft exp plan												█	█	█	(GCMRC)									
TWG review															█	(TWG)								
Final draft exp plan																█	(GCMRC)							
AMWG/TWG/SA review																█	(AMWG/TWG/SA)							
Recommendation to SOI																	█	(AMWG)						
Complete compliance																	█	█	█	█	█	█	(AA)	
GCMRC begin implementation																						█		
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J		
	2004			2005												2006								

LTEP = LTEP Ad Hoc; SA = Science Advisors; CS = Cooperating Scientists; AA = Action Agencies

TASKS	LONG-TERM EXPERIMENTAL PLAN TIMELINE																									
Develop conceptual exp design	Done (LTEP, GCMRC, SA)																									
Develop actions/treatments	Blue	Blue	(GCMRC, CS, LTEP, SA)																							
Develop criteria	Red	Red	Red	Red	Red	Red	Red	Red		(LTEP Ad hoc recommend to TWG in May/July)																
Establish sideboards	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue		(GCMRC provides regarding current knowledge and effects of past experime																
Complete Knowledge assessment Part 1							Red	(GCMRC)																		
Convene workshop							Blue	(GCMRC, TWG)																		
TWG update and input																										
Knowledge assessment II/Produce draft exp plan									White	Red	Red	(GCMRC, CS, SA, TWG--part of TWG meeting in July or day following														
AMWG review draft exp plan											Blue	(AMWG)														
Science Advisors risk assessment											Red	Red	Red	(SA)												
Second draft exp plan												Blue	Blue	Blue	(GCMRC)											
TWG review and included in discussion at Exp design Session at Science Symposium														Red	(TWG/AMWG,GCMRC,CS,SA)											
Final draft exp plan																Blue	(GCMRC)									
AMWG/TWG/SA review																Red	(AMWG/TWG/SA)									
Recommendation to SOI																	Blue	(AMWG)								
Complete compliance																	Red	Red	Red	Red	Red	Red	Red	(AA)		
GCMRC begin implementation																								Blue		
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J				
	2004			2005												2006										

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